

Changing the world of real estate

Learn how Deqode transformed a traditional real estate enterprise into a digital platform based on blockchain - increasing trust, security and cutting costs.



deqode.

Challenge

Client issues and requirements

- Improve existing online platform of the customer by connecting buyers and sellers with a system that upholds transparency. Remove mediators that require a hefty sum of money from the business and other entities
- More effective, automated way of liquidizing, tokenizing and trading properties to save costs and manpower. The user-friendly automation of all relevant processes and documentation
- Cutting out additional inspection costs, registration and loan fees

Blockchain

Ethereum

Deqode's Solution Overview

How we helped the client realize his goals

- Decentralized payment projects to facilitate cost-efficient, high-speed transnational (international) micropayments which facilitated distribution of the payment among all stakeholders concerned
- Deployed Smart contracts on top of blockchain real estate ledgers and transactions, streamlining various real estate processes, such as releasing apartment ownership, or rental documents upon a completion of a cryptocurrency transfer
- Built Payment processing system, using blockchain powered distributed ledgers
- Cut additional inspection costs, registration and loan fees, as well as property taxes, all enforced by quantifiable smart contracts
- Whole vertical of stakeholders including owners, tenants and service providers would interact with ownership information, or transaction history in an open, secure way

Tech Stack

Languages/ Runtimes/

Frame works:

Node.js, Javascript, Solidity, BASH, React-native

DevOps, DB, and Other

Utilities:

Kubernetes, Docker, IPFS, Nginx, Redis, PostgreSQL, GitLab, CI/CD Pipeline